INTERNATIONAL SEARCH REPORT

li onal Application No PCT/EP 02/03788

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A. CLASSI IPC 7	FICATION OF SUBJECT MATTER F41A19/21								
According to international Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum do IPC 7	ocumentation searched (classification system followed by classification F41A	on symbols)							
	tion searched other than minimum documentation to the extent that s								
Electronic d	ata base consulted during the international search (name of data bas	se and, where practical, search terms used	()						
EPO-In	ternal	· .							
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category *	Citation of document, with indication, where appropriate, of the rek	evant passages	Relevant to daim No.						
A	US 4 545 143 A (SCHULTZ MITCHELL 8 October 1985 (1985-10-08) abstract; figures	D)	1-14						
Α	US 4 403 436 A (JENNIE FRED) 13 September 1983 (1983-09-13) abstract; figures		1-14						
Α	US 3 193 961 A (DOMENICO LINARCLL 13 July 1965 (1965-07-13) abstract; figures	.0)	1-14						
A	EP 0 277 922 A (BERETTA ARMI SPA) 10 August 1988 (1988-08-10) abstract; figures 		1–14						
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Furti	her documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.						
Special ca	ategories of cited documents :	T later document published after the inte	amational filino date						
A docume	ent defining the general state of the art which is not tered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or th	the application but						
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Date of the	actual completion of the international search	Date of mailing of the International se	arch report						
5	August 2002	20/08/2002							
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PCT/EP 02/03788

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4545143	A	08-10-1985	NONE		
US 4403436	A	13-09-1983	JP JP JP	1870133 C 5077960 B 58043399 A	06-09-1994 27-10-1993 14-03-1983
US 3193961	Α	13-07-1965	NONE		
EP 0277922	A	10-08-1988	IT AT DE EP ES GR JP JP US	1207769 B 69873 T 3866369 D1 0277922 A2 2029074 T3 3003225 T3 2694273 B2 63201500 A 4811509 A	01-06-1989 15-12-1991 09-01-1992 10-08-1988 16-07-1992 17-02-1993 24-12-1997 19-08-1988 14-03-1989